Sheet Application Number Docket Number

203-3398 CIP 2 A (2155 CIP IIA

10/626,390

Yes No

Class Subclass

Applicant

Robert Wham et al.

(Use several sheets if necessary)

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

> Group Art Number Not Yet Assigned Filing Date

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xaminer Initial	Number	Date	Name	Class	Subclass	if Appropriate
MPT	4,092,986	Jun-98	Schneiderman			
	4,191,188	Mar-80	Belt et al.			
	4,372,315	Feb-83	Shapiro et al.		$\sqcup$	
	4,378,801	Apr-83	Oostein			
	4,416,276	Nov-83	Newton et al.			
	4,646,222	Feb-87	Okado et al.		Ц	
	4,651,280	Mar-87	Chang et al.			
	4,658,819	Apr-87	Hamis et al.	$\sqcup \!\!\! \perp$	Ц	
	4,727,874	Mar-88	Bowers et al.		<u> </u>	
	4,931,717	. Jun-90	Gray et al.			<del>,,, ,,,</del>
	4,969,885	Nov-90	Farin			
	5,167,658	Dec-92	Ensslin			
	5,300,068	Apr-94	Rosar et al.		<del>    -   -   -   -   -   -   -   -   -  </del>	
	5,423,810	Jun-95	Goble et al.			
	5,438,302	Aug-95	Goble			
	5,451,224	Sep-95	Goble et al.			
	5,472,443	Dec-95	Cordis et al.			
	5,496,312	Mar-96	Klicek		┴┴-	
	5,496,313	Mar-96	Gentelia		<b>↓</b>	
	5,500,616	Mar-96	Ochi		11_	
	5,540,681	Jul-96	Strul et al.		11	
	5,540,684	Jul-96	Hassler, Jr.			
	5,558,671	Sep-96	Yates			<u> </u>
	5,594,636	Apr-79	Schauder			
	5,596,466	Jan-97	Ochi		$\perp \perp$	ļ
	5,713,896	Feb-98	Nardella			<u> </u>
Va	5,722,975	Mar-98	Edwards et al.			<u>.</u>
W	5,749,869	May-98	Lindenmeir et al.			<u> </u>
			NT DOCUMENTS	7		
·	Document	TEIGH FAIE	A DOCUMENTS	T	1	Translatio

OTHER DOCUMENTS

Vallfors and Bergdahl, "Automatically Controlled Bipolar Electrocoagulation" Neurosurgical Review, 7:2-3, pp.

Country

187-190. 1984

Bergdahl and Valifors "Studies on Coagulation and the Development of an Automatic Computerized Bipolar Coagulator Journal of Neurosurgery, 75:1, 148 151, Jul. 1991

Examiner: Initial if citation considered, whether or nor citation is in conformance with MPEP \$609; Draw line through

Include copy of this form with next communication to the applicant.

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Docket Number

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Docket Number Application Number

203-3398 CIP 2A (2155 CIP II A) 16/426,390

Applicant Robert Wham et al.

Filing Date Group Art Number

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

U.S. PATENT DOCUMENTS

Examiner	Document	U.S. PATENT	<u></u>			Filing Date if Appropriate
Initial	Number	Date	Name	Class	Subclass	
and	5,792,138	Aug-98	Shipp	1	<del>                                     </del>	
	5,827,271	Oct-98	Buysse et al.		1	
	5,871,481	Feb-99	Kannenberg et al.		11-	
	5,931,836	Aug-99	Hatta et al.			· · · · · · · · · · · · · · · · · · ·
	6,010,499	Jan-00	Cobb			
	6,074,386	Jun-00	Goble et al.			
	6,080,149	Jun-00	Huang et al.			
	6,093,186	Jul-00	Goble			
	6,203,541	Mar-01	Keppel			
	6,261,286	Jul-03	Goble et al.			
	6,293,942	Sep-01	Goble et al.			
	6,364,877	Apr-03	Goble et al.			<u> </u>
	6,398,779	Jun-02	Buysse et al.			
	6,416,509	Jul-03	Goble et al.			
	6,436,096	Aug-03	Hareyama			
	6,511,476	Jan-03	Hareyama		<del>      -                                </del>	
<b>V</b>	6,558,376	May-03	Bishop		11	
MP	6,582,427	Jun-03	Goble et al.			

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## OTHER DOCUMENTS

Examiner: Initial if citation considered, whether or nor citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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1 of Sheet Application Number Docket Number (Optional) 2155CIP2A(203-3398CIP2A) 10/626,390 INFORMATION DISCLOSURE CITATION IN AN APPLICATION Applicant Wham et al. (Use several sheets if necessary) Filing Date **Group Art Number** 7/24/2003 3739 U.S. PATENT DOCUMENTS Filing Date Document Examiner Subclass if Appropriate Class Initial Number Date Name 5,647,869 07/15/97 Goble et al. 03/21/02 Edwards et al. 2002/0035353 A1 FOREIGN PATENT DOCUMENTS Translation Document **Subclass** Number Date · Country Class Yes No Nov., 1998 EP 878,169 OTHER DOCUMENTS Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1687 International Search Report - PCT/US03/37310 Date Considered Examiner Examiner: Initial if citation considered, whether or nor citation is in conformance with MPEP \$609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Wham et al.

Filing Date Group Art Number
July 24, 2003 3739

## **U.S. PATENT DOCUMENTS**

	·	0.5.111121	1 DOCUMENTS			
Examiner Initial	Document Number	Date	Name	Class	Subclas	Filing Date ss if Appropriate
M	4,848,335	7/18/89	Manes			
	5,019,176	5/2891	Brandhorst, Jr.			
	5,087,257	2/11/92	Farin	$\prod$		
	5,108,391	4/28/92	Flachenecker			
	5,162,217	11/10/92	Hartman	$\prod$		
-	5,196,008	3/23/93	Kuenecke			
	5,267,997	12/7/93	Farin			
	5,300,070	4/5/94	Gentelia			
	5,383,874	1/24/95	Jackson			
	5,409,485	4/25/95	Suda			
	5,432,459	7/11/95	Thompson			
	5,436,566	7/25/95	Thompson			
	5,445,635	8/29/95	Denen			
	5,540,683	7/30/96	Ichikawa			
	5,558,671	9/24/96	Yates			
	5,573,533	11/12/96	Strul			
	5,647,869	7/15/97	Goble			
	5,647,871	7/15/97	Levine			
	5,722,975	3/3/98	Edwards			
	5,755,715	5/26/98	Stern			
	5,769,847	6/23/98	Panescu			
	5,797,802	8/25/98	Nowak			]
	5,830,212	11/3/98	Cartmell			
Ŋ	5,836,990	11/17/98	Li			
MI	5,931,836	8/3/99	Hatta		Conside	•

Examiner

Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



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Wham et al.

(Use several sheets if necessary)

Filing Date
July 24, 2003

Group Art Number 3739

## **U.S. PATENT DOCUMENTS**

Applicant

Examiner	Document					Filing Date
Initial	Number	Date	Name	Class	Subclass	if Appropriat
#	5,951,545	9/14/99	Schilling			
	6,063,075	5/16/00	Mihori			
	6,113,596	9/5/00	Hooven			
	6,228,081	5/8/01	Goble			
	6,231,569	5/15/01	Bek			
	6,238,388	5/29/01	Ellman			
	6,245,065	6/12/01	Panescu			
	6,261,285	7/17/01	Novak			
	6,273,886	8/14/01	Edwards			
	6,275,786	8/14/01	Daners			
	6,293,941	9/25/01	Strul			
	6,309,386	10/30/01	Bek		T	
	6,338,657	1/15/02	Harper et al.			
	6,358,245	3/19/02	Edwards			
	6,398,779	6/4/02	Buysse			
	6,458,121	10/1/02	Rosenstock			
	6,464,689	10/15/02	Qin			
	6,464,696	10/15/02	Oyama			
	6,508,815	1/21/03	Strul			
	6,547,786	4/15/03	Goble			
	6,562,037	5/13/03	Paton			
	6,623,423	9/23/03	Sakurai			10
	6,635,057	10/21/03	Harano			
	6,648,883	11/18/03	Francischelli	$\top$		
at-	6,652,514	11/25/03	Ellman	11		
70	6,663,624	12/16/03	Edwards	1	<del>                                     </del>	

Examiner: Initial if citation classifered, whether or not citation is in conformance with MPEP §609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Applicant

Wham et al.

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Filing Date
July 24, 2003

Group Art Number

3739

## **U.S. PATENT DOCUMENTS**

Examiner	Document				Τ.			Filing Date
Initial	Number	Date	Name	Class	1	Subcl	ass	if Appropriate
M	6,666,860	12/23/03	Takahashi	$\dashv \bot$	4			
1	6,679,875	1/20/04	Honda		┵			
	6,685,700	2/3/04	Behl	$\perp \perp$				<u></u>
	6,692,489	2/17/04	Heim					
	6,712,813	3/30/04	Ellman					
	6,730,080	5/4/04	Harano		┙			
	6,733,495	5/11/04	Bek					
	6,733,498	5/11/04	Paton					
	6,740,079	5/25/04	Eggers					
	6,740,085	5/25/04	Hareyama					
	6,783,523	8/31/04	Qin					
	6,790,206	9/14/04	Panescu					
	6,796,981	9/28/04	Wham		$\perp$			
	6,824,539	11/30/04	Novak					
	6,830,569	12/14/04	Thompson					
	6,843,789	1/18/05	Goble					
	6,849,073	2/1/05	Hoey					
	6,855,141	2/15/05	Lovewell		$\perp$			
	6,855,142	2/15/05	Harano					
	6,860,881	3/1/05	Sturm		$\perp$			
	6,864,686	3/8/05	Novak					
<b>V</b>	6,875,210	4/5/05	Refior					
W	6,893,435	5/17/05	Roane		$\bot$	T		
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Date Considered

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			APPLICATION DOC	UM	EN'	rs		
xamine Initial	Document Number	Publication Date	Name	Cla	ĮSS	Subc	lass	Filing Date if Appropriate
M	US2002/0035364 A1	3/21/02	Schoenman et al.		,			
1	US2002/0068932 A1	6/6/02	Edwards					
	US2002/0193787 A1	12/19/02	Qin					
	US2003/0078572 A1	4/24/03	Pearson et al.					
	US2003/0153908 A1	8/14/03	Goble					
	US2003/0163123 A1	8/28/03	Goble					
$\bot$	US2003/0163124 A1	08/28/03	Goble					
	US2003/0171745 A1	09/11/03	Francischelli					
	US2003/0199863 A1	10/23/03	Swanson					
	US2003/0060818 A1	03/27/03	Kannenberg					
	US2004/0002745 A1	1/1/04	Flemming					
	US2004/0019347 A1	1/29/04	Sakurai					*
	US2004/0024395 A1	2/5/04	Ellman					
	US2004/0030328 A1	2/12/04	Eggers					
	US2004/0044339 A1	3/4/04	Beller					
	US2004/0049179 A1	3/11/04	Francischelli					
	US2004/0054365 A1	3/18/04	Goble					
	US2004/0068304 A1	4/8/04	Paton	Ш				
	US2004/0082946 A1	4/29/04	Malis					
	US2004/0097912 A1	5/20/04	Gonnering					
-	US2004/0097914 A1	5/20/04	Pantera					
	US2004/0097915 A1	5/20/04	Refior					
_\	US2004/0116919 A1	6/17/04	Heim					
art	US2004/0133189 A1	7/8/04	Sakurai	<u>.</u>			LI	
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Form PTO-1449  INFORMATION DISCLOSURE CITATION			Docket Number (Optional) 2155CIP2A(203-3398CIP2A)		Application Number 10/626,390		
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	U.S. PUBLI	SHED PATENT	r application do	CUME	NTS		
Examine Initial_	Document Number	Publication Date	Name	Cląss	Subclass	Filing Date if Appropriate	
W	US2004/0138653 A1	7/15/04	Dabney				
	US2004/0138654 A1	7/15/04	Goble			•	
	US2004/0172016 A1	9/2/04	Bek				
	US2004/0230189 A1	11/18/04	Keppel				
	US2004/0260279 A1	12/23/04	Goble				
	US2005/0004564 A1	1/6/05	Wham				
	US2005/0101951 A1	5/12/05	Wham				
	US2005/0113818 A1	05/26/05	Sartor				
	US2005/0113819 A1	05/26/05	Wham				
	US2005/0149151 A1	07/07/05	Orszulak				
	US2005/0182398 A1	08/18/05	Paterson				
	US2005/0197659 A1	09/08/05	Bahney				
V	US2005/0021022 A1	01/27/05	Sturm et al.				
rip	US2005/0203504 A1	09/15/05	Wham et al.		7		
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Form PTO-1449 INFORMATION DISCLOSURE CITATION			Docket Number (Optional) 2155CIP2A(203-339	Application Number 10/626,390				
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	IN AN APPLICATION		Applicant Wham et al.					
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T-	Document	Document				Transla	tion	
	Number	Date	Country	Class	Subclass	Yes	No	
iu/	EP836,868		EP		·			
	EP878,169		EP		<u> </u>			
	EP1293171	Mar. 2003	EP					
AW ]	DE19717411 A1		DE					
							<u> </u>	
			1		<u> </u>			
			OCUMENTS					
AIN	International Search Report	- PCT/US03/3	37110					
100	International Search Report	- PCT/US03/3	37310		<del></del>	~		
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	International Search Report	- EP4009964				•		
<del></del>	International Search Report	- EP98300964	4.8					
	International Search Report	- EP0401598	1.6					
	Chicharo et al. "A Sliding Goe	rtzel Algorith" A	ugust 1996, pgs. 283-297					
U _	SIGNAL PROCESSING, ELSE	VIER SCIENC	E PUBLISHERS B.V. AMS		NL vol. 52 no	). 3		
I WF	Ogden "Goertzel Alternative to ELECTRONICS WORLD; REE				2 vol 99 co	9 1687		
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